CADASTRAL REFERENCE WORKGROUP

Bureau of Reclamation
230 Collins Rd.
Boise, ID

February 27, 2009
9:00 – 11:30 a.m. MST

Name	Organization
Donna Pitzer	Reclamation, Co-lead for the Cadastral Reference group
Jeff Servatius	Idaho State Tax Commission
Renee Bettis	Dept. of Lands
Jack Clark	Ada County Assessor's Office
Gary Wilbert	Idaho Power
Walt Bulawa	ISTC
Bob Smith	OCIO
Gail Ewart	OCIO
By Phone	
Stewart Ward	Dioptera
Craig Rindlisbacher	Madison County/City of Rexburg
Tom Spencer	BLM
Angela Vander Pass	Clearwater County

Introductions and Logistics   Donna Pitzer – 5 minutes

Review meeting minutes   Group – 20 minutes
   October 31, 2008
       One item moved will be examined by Walt, Donna, Gail and Craig and then
discussed at the next meeting.
   January 30, 2009
       Notes will be sent to Nancy Von Meyer, Marc Thomas, Bob Ader and Ben Knott
and Tom Spencer for review before they are posted to the web.

Stimulus Package information request

Gail asked for assistance in trying to put together the necessary
information/documentation that would allow her to respond to a request for "shovel
ready" projects that might receive stimulus funding. She would like to include Cadastral
Reference work in this request. Walt, Bob and Donna all volunteered to help in
whatever way they can.

Update on Condition of Survey Maps

Donna presented the sample maps that had been provided by Premier. Tom Spencer
assisted in helping decipher and understand the meaning of the maps. The only layer
presented in the maps that is of primary interest to the group is the GCDB reliability

layer. This layer is generated directly from the GCDB files and reflects the reliability attribute found in the GCDB information.

The group hopes to determine priority areas based on this reliability variable plus other information that we are gathering such as giving townships that are in Forest Service or totally federal ownership or sparsely populated a lower priority rating than those that are completely private and densely populated.

What townships are GMM and what townships are still in the PCCS format is not an information layer found on these maps. Premier data stated previously that they had the information and may provide it as a GIS layer or provide it as a separate pdf.

Action item – Donna will continue to check with BLM and Premier Data on the date of the final delivery of the COS maps.

Update on the GCDB Enhancement Pilot Project

Donna showed selected sections of the draft proposal showing the general overall approach that Premier wants to take. Donna and Bob Adar and Tom Spencer need to discuss more details before the proposal can be signed and work can proceed. Tom has already emailed some comments to Bob Ader and Premier on certain details of the proposal. Once the proposal is signed and work begins, the project will take about 6 weeks to complete.

Action item – Donna will continue to work with both Denver and Idaho State BLM office To move the project forward

Update on Control Point Database

Donna presented a database structure document that was provided to her by MarcThomas and Nancy Von Meyer. They also provided a spreadsheet that represents the information they need to have about control points. Donna passed that spreadsheet on to Stewart Ward for his assessment of how difficult it would be for a surveyor to provide the information requested in the spreadsheet. He indicated that the information requested is routinely collected by surveyors. He did have a question about where in the spreadsheet is the information about the projection, i.e. what datum, what geoid, etc. Those pieces of information are important and don't seem to be captured in the spreadsheet.

Donna informed the group that she has received a proposal from Nancy and Marc about setting up a pilot control point database. They are proposing standardizing the data set, bulk loading the datasets using crosswalk documents that have to be provided by the Idaho group. They would also compile and display the base information such as roads, hydrography etc and get a base coverage of the GCDB. They are looking to Premier to process all of the GCDB layers in Idaho and work with BLM to resolve gaps, overlaps and other errors. The cost figure for Premier to do that is still pending.

Walt and Bob Smith indicated that they would like to try working with the application and the database themselves to see if we could stand up a pilot control point database on their own. Nancy and Marc indicated at the last meeting that they would make the interface and database scheme available to anyone.

Action item – Donna will request a copy of the application and database scheme from Nancy and Marc.

Action item – Donna will post the data model documents to the website.

GCDB Oddities and Anomalies

Walt presented some examples of where he felt that there were errors in the GCDB information downloaded from the LSIS website. There errors shown were non-dissolved polygons within sections, slivers between polygons, overlaps and empty polygons. Jack Clark pointed out that the "GCDB errors" presented were not actually errors in the GCDB but rather the result of how the Land Survey Information System (LSIS) represented the GCDB data. Tom indicated that to try to track down how and why this happens has proven to be difficult in the past.

Action item – Bob Smith and/or Walt will request .LX and .AN files from BLM in Denver to compile our own line work from the base GCDB information

Action item – Come up with new terminology that describes the geospatial line work that is derived from the base GCDB information. The layer that the GIS community uses for mapping should not be called the GCDB, it is a representation of the GCDB.

Response to Gem State Surveyor President's Letter

Jack Clark indicated that Sheldon Bluestein has already submitted a response, but anyone at anytime is welcome to present articles expressing their view on survey related issues. Sheldon's response will appear in the next issue.

Action item – Jack will forward Sheldon's response to Donna and Jeff

Set up next meeting, other Business and Wrap-Up

Walt pointed out that an updated county boundary feature is available at the ISTC tax web site. The accompanying metadata describes the changes that were made.

Next meeting March 27, 9 – 11:30 am.